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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hill and Hannan

: Group Art Unit: 1646

Serial No: 10/030,729

: Examiner: J. Murphy

Filing Date: June 20, 2002

JUL 23 2003

For: GENETIC SEQUENCES ENCODING STEROID AND JUVENILE HORMONE
RECEPTOR POLYPEPTIDES AND USES THEREFOR

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as EXPRESS MAIL in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

17 July 2003

Date

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Supplemental Information Disclosure Statement on PTO-1449 pursuant to 37 C.F.R. 1.97.

The Examiner is respectfully requested to consider the references cited on the attached Form PTO-1449. The references are available in U.S. Patent Application Serial No. 09/346,470 filed July 1, 1999, from which the above-referenced application takes priority.

This information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement.

However, no representation is made that the listed art actually qualifies as prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that Applicants know of the best art.

It is believed that this submission does not require the payment of any fees. If this is incorrect, please charge any requisite fees to Deposit Account No. 07-1969.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'D. Ferber', written over a horizontal line.

Donna M. Ferber
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Attorney Docket No. 53-99A
bmk: July 17, 2003



Form PTO 1449		
ATTY DOCKET NO. 53-99A	SERIAL NO. 10/030,729	FILING DATE June 20, 2002
APPLICANT Hill and Hannan		GROUP 1646

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	5,688,691	11/18/97	Oro et al.	455	348	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No

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OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

		Cho, W-L. et al. (1995) "Mosquito Ecdysteroid Receptor: Analysis of the cDNA and Expression During Vitellogenesis"; <i>Insect Biochem. Molec. Biol.</i> 25 (1):19-27.
		Database Swallprot 'Online! "Ecdysone receptor, Aedes aegypt"; Database Accession No. P49880. XP-002216321.
		Guo, X. et al. (1998). "Isolation of two functional retinoid X receptor subtypes from the Ixodid tick, <i>Amblyomma americanum</i> (L.)"; <i>Molecular and Cellular Endocrinology</i> 139 (1-2):45-60.
		Database Swallprot 'Online! 1August 1998 "Retinoid X receptor, <i>Amblyomma americanum</i> "; Database Accession No. 061448. XP-002228988.
		Jindra, M. et al. (1997) "Identification and mRNA developmental profiles of two ultraspiracle isoforms in the epidermis and wings of <i>Manduca sexta</i> "; <i>Insect Molecular Biology</i> 6 (1):41-53.
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			Mouillet, J-F. et al. (1997) "Cloning of two putative ecdysteroid receptor isoforms from <i>Tenebrio molitor</i> and their developmental expression in the epidermis during metamorphosis"; <i>European Journal of Biochemistry</i> 248 :856-863.
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			Oro, A.E. et al. (1990) "Relationship between the product of the <i>Drosophila ultraspiracle</i> locus and the vertebrate retinoid X receptor"; <i>Nature</i> 347 (6290):298-301.
			Yao, T-P. et al. (1993) "Functional ecdysone receptor is the product of <i>EcR</i> and <i>Ultraspiracle</i> genes"; <i>Nature</i> 366 (6454):476-479.
			Database Swallprot 'Online! 1 February 1991 retrieved from EBI. Database Accession No. P20153. XP-002228982, Ultraspiracle protein, <i>Drosophila melanogaster</i> ..
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			Database Swallprot 'Online! 1 February 1997 "Ultraspiracle homolog, <i>Riptortus clavatus</i> "; Database Accession No. Q94730. XP-002238987.

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

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